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Re: App. No. 09/480,676; Docket 112063Div

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Respectfully submitted,

The Law Office of Thomas M. Isaacson

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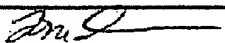
PTO/SB/21 (08-03)


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|   |                        |                  |
|---|------------------------|------------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 09/480,676       |
|   | Filing Date            | January 11, 2000 |
|   | First Named Inventor   | CHUANG, ET AL.   |
|   | Art Unit               | 2681             |
|   | Examiner Name          | Sheila B. Smith  |
| Total Number of Pages in This Submission  | Attorney Docket Number | 112063-DIV       |

| ENCLOSURES (Check all that apply)  |  |  |
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| Remarks  |  |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |
|--|---|
| Firm or Individual name                    | Thomas M. Isaacson, Reg. No. 44,168   |
| Signature                                  |  |
| Date                                       | April 28, 2005  |

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| Date  | April 28, 2005  |

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

**CHUANG, et al.**

Serial No.: 09/480,676

Filed: January 11, 2000

**FOR: SYSTEM AND METHOD FOR  
DYNAMICALLY ASSIGNING  
CHANNELS FOR WIRELESS PACKET  
COMMUNICATIONS**

Attorney Ref.: 112063-DIV.

Art Unit: 2681

Examiner: Sheila B. Smith

The Commissioner for Patents  
P.O. Box 1450  
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**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08A. Unless otherwise indicated herein, one copy of each reference that is not a US Patent reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56(b).

- ☐ 1. This information disclosure statement is being filed within three months of the filing date of a national application other than a continued prosecution application under §1.53(d); within three months of the date of the entry of the national stage as set forth in §1.491 in an international application; before the mailing of a first Office action on the merits; or before the mailing of a first Office action after the filing of a request for continued examination under §1.114. No certification or fee is required. (37 C.F.R. §1.97(b)). If a first office action was mailed before the filing of this IDS, please debit deposit account 502960 the necessary fees set forth in 37 C.F.R. §1.17(p) to proceed to consider the cited references.
- ☒ 2. This information disclosure statement is being filed more than three months after the filing date of a national application other than a continued prosecution application under §1.53(d); more than three months after the date of the entry of the national stage as set forth in §1.491 in an international application; after the mailing date of a first Office action on the merits, or after the mailing of a first Office action after the filing of a request for continued examination under §1.114, but before the mailing date of any of a Final action under §1.113, a Notice of Allowance under §1.311 or an action that otherwise closes prosecution in the application. (37 C.F.R. §1.97(c)).

- ☐ a. I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97 (e)(1)).
- ☒ b. I hereby certify that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and to my knowledge after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97 (e)(2)).
- ☐ c. Attached is a credit card payment form and Fee Transmittal for payment of \$180 to cover the fee under 37 C.F.R. §1.17(p) and to ensure consideration of the disclosed information. If necessary to process this IDS, please debit Deposit Account No. 502960 any additional amount in order to ensure consideration of this IDS.
- ☐ 3. This information disclosure statement is being filed after the mailing date of any of a Final action under §1.113, a Notice of Allowance under §1.311, or an action which otherwise closes prosecution, whichever occurs first, but on or before payment of the Issue Fee. (37 C.F.R. §1.97(d)).
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- ☐ b. I hereby certify that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97(e)(2)).
- ☐ c. Please debit Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the fee under 37 C.F.R. §1.17(p) and ensure consideration of the disclosed information.
- ☒ 4. Other Copy of Form PTO-892 listing information cited by the Office from Parent Appln. Serial No. 08/846,712, filed 04/30/1997 in an Office Action dated 1/18/05.

Respectfully submitted,

By: 

Date: April 28, 2005

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**PATENT APPLICATION**

PTO/SB/08A MODIFIED

|                      |                        |                          |                 |
|----------------------|------------------------|--------------------------|-----------------|
| <b>PTO-FORM-1449</b> |                        | <b>Complete If Known</b> |                 |
|                      |                        | Application Number       | 09/480,676      |
|                      |                        | Filing Date              | 1/11/2000       |
|                      |                        | First Named Inventor     | CHUANG, ET AL.  |
|                      |                        | Group Art Unit           | 2681            |
|                      |                        | Examiner Name            | Sheila B. Smith |
| Sheet: 1 of 1        | Attorney Docket Number |                          | 112063-DIV.     |

| <b>U.S. PATENT DOCUMENTS</b> |           |                      |                          |   |   |   |
|------------------------------|-----------|----------------------|--------------------------|---|---|---|
| Examiner Initials*           | Cite No.* | U.S. Patent Document |                          | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                              |           | Number               | Kind Code*<br>(if known) |   |   |   |
|                              |           | 6,853,629            |                          | Alamouti, et al.                                | Feb. 8, 2005  |   |
|                              |           | 2003-0156570         |                          | Alamouti, et al.                                | Aug. 21, 2003                                       |   |
|                              |           |                      |                          |   |   |   |

| <b>FOREIGN PATENT DOCUMENTS</b> |           |                         |                      |            |   |   |   |    |
|---------------------------------|-----------|-------------------------|----------------------|------------|---|---|---|----|
| Examiner Initials*              | Cite No.* | Foreign Patent Document |                      |            | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T* |
|                                 |           | Office*                 | Number<br>(if known) | Kind Code* |   |   |   |    |
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|                                   |                                       |  |             |
|-----------------------------------|---------------------------------------|--|-------------|
| <b>Notice of References Cited</b> | Application/Control No.<br>09/781,445 | Applicant(s)/Patent Under<br>Reexamination<br>WINTERS ET AL. |             |
|                                   | Examiner<br>Man Phan                  | Art Unit<br>2865   | Page 1 of 1 |

## U.S. PATENT DOCUMENTS

| * |   | Document Number<br>Country Code-Number-Kind Code | Date<br>MM-YYYY | Name                 | Classification |
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|   | A | US-6,782,039                                     | 08-2004         | Alamouti et al.      | 375/147        |
|   | B | US-6,795,424                                     | 09-2004         | Kapoor et al.        | 370/343        |
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|   | K | US-6,052,596                                     | 04-2000         | Barnickel, Donald J. | 455/450        |
|   | L | US-6,597,927                                     | 07-2003         | Eswara et al.        | 370/334        |
|   | M | US-6,640,104                                     | 10-2003         | Borst et al.         | 455/450        |

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| * |   | Document Number<br>Country Code-Number-Kind Code | Date<br>MM-YYYY | Country | Name | Classification |
|---|---|--|-----------------|---------|------|----------------|
|   | N |  |                 |         |      |                |
|   | O |  |                 |         |      |                |
|   | P |  |                 |         |      |                |
|   | Q |  |                 |         |      |                |
|   | R |  |                 |         |      |                |
|   | S |  |                 |         |      |                |
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## NON-PATENT DOCUMENTS

| * |   | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) |
|---|---|---|
|   | U |   |
|   | V |   |
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\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
 Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office  
 PTO-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 011105